

SPECIFICATION AMENDMENTS  
MARKED UP PURSUANT TO 37 C.F.R. § 1.121(b)(iii)

[0016] Fig. 3 depicts the correction of the 4021 kan mutation. The targeted plasmid and sequence are displayed (SEQ ID NO: [1] 2, wild-type; SEQ ID NO:[2] 3, mutant; SEQ ID NO:[3] 4, converted), as well as the DNA sequence of the resulting clones exhibiting resistance to kanamycin (Kan4021(-), SEQ ID NO:[2] 33; Kan4021 C Maize, SEQ ID NO: 14; Kan4021C Musa, SEQ ID NO: 15; Kan4021C Tobacco, SEQ ID NO: 16; and Kan4021C Tobacco, 4021 mix, SEQ ID NO: 17). The indicated extract is listed in the left side of the panel, and the altered base from the coding strand of the target is positioned vertically down the page. Without treatment, the G residue is observed. The chimeric oligonucleotide used in the reaction is listed with the source of the cell-free extract. The term "4021 mix" indicates the presence of a multiple base readout at the target site, in this case printed as an "N" within the sequence.

[0018] Fig. 5 depicts the correction of the 208 tet mutation. Plasmid pTs)208 contains a frameshift mutation at nucleotide position 208 (note triangular marker in mutant sequence listing). Sequence data from resistant colonies resulting from treatment with the indicated cell-free extract are displayed with the targeted site of the inserted base C (wild-type, SEQ ID NO: 10; mutant, SEQ ID NO: 11; converted,

SEQ ID NO:12; Tet)208(-), SEQ ID NO: [11] 34; Tet208C Maize, SEQ ID NO:28; Tet208C Musa, SEQ ID NO:29; Tet208C Tobacco, SEQ ID NO:30; Tet208C Tobacco, 208 mix, SEQ ID NO:31; and Tet208C Tobacco, 214 insertion, SEQ ID NO:32). The term "208 mix" refers to the presence of multiple peaks appearing in the sequence at the site of insertion, here depicted by an "N". In the last panel, nucleotide position 214, the next to the last base, depicts the non-specific insertion of a C residue at that site.